

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (original): A self-ballasted fluorescent lamp comprising:

a fluorescent lamp;

a lighting circuit having a one-package switch, inductors, and capacitors, said one-package switch containing in a single package a pair of field effect transistors that serve as inverter switches for driving the fluorescent lamp; and

a circuit board having a first face facing away from said fluorescent lamp and a second face facing towards said fluorescent lamp, said first face having at least both a smoothing capacitor and a current-limiting inductor, which have relatively large dimensions, mounted thereon;

wherein:

said one-package switch is a generally rectangular surface mounting device with a length and width respectively not exceeding 6 mm and provided with terminals extending from two opposing sides thereof; and

said one-package switch is surface mounted on either said first face or said second face of said circuit board through said terminals.

Claim 2 (original): A self-ballasted fluorescent lamp as claimed in claim 1, wherein:

said fluorescent lamp has electrodes; and

said one-package switch is surface mounted on said second face of said circuit board, at a location apart from said electrodes.

Claim 3 (original): A self-ballasted fluorescent lamp as claimed in claim 1, wherein:

said one-package switch is surface mounted on said second face of said circuit board; and

no components are mounted on the area of said first face that corresponds to the area of said second face where said one-package switch is mounted.

Claim 4 (original): A self-ballasted fluorescent lamp as claimed in claim 1, wherein:  
said one-package switch is surface mounted on said second face of said circuit board; and  
no components that emit heat are mounted on the area of said first face that corresponds to  
the area of said second face where said one-package switch is mounted.

Claim 5 (original): A self-ballasted fluorescent lamp as claimed in claim 1, wherein:  
said one-package switch is surface mounted in such an orientation that the field effect  
transistor that has a higher on-resistance faces the peripheral edge of said circuit board.

Claim 6 (currently amended): A self-ballasted fluorescent lamp as claimed in claim 1,  
wherein:

said self-ballasted fluorescent lamp comprises includes:  
a base disposed at said second-face side of said circuit board;  
a through hole formed through said circuit board so as to extend from said first face to said  
second face;  
a long-tip type capillary tube extending from said fluorescent lamp so that the tip of said  
capillary tube pass through said through hole towards said base, and  
a main amalgam enclosed in said capillary tube;

wherein:

said one-package switch is mounted near said through hole.

Claim 7 (currently amended): A self-ballasted fluorescent lamp as claimed in claim 1,  
wherein:

said circuit board is of a double-side mounting type; and  
said one-package switch is surface mounted on said first face of said circuit board.

Claim 8 (original): A self-ballasted fluorescent lamp as claimed in claim 1, wherein:  
said field effect transistors are complementary.

Claim 9 (currently amended): A self-ballasted fluorescent lamp as claimed in claim 1,  
wherein:

the drain-source voltage of said field effect transistors is set at 200V or more, and while the  
drain current of said field effect transistors is set at 0.5A or more.

Claim 10 (currently amended): A self-ballasted fluorescent lamp comprising:  
a fluorescent lamp;

a lighting circuit having a one-package switch, inductors, and capacitors, said one-package  
switch containing in a single package, a pair of field effect transistors that serve as inverter switches  
for driving the fluorescent lamp;

a circuit board having a first face facing away from said fluorescent lamp and a second face  
facing towards said fluorescent lamp, said first face having at least both a smoothing capacitor and a  
current-limiting inductor, ~~which have relatively large dimensions,~~ mounted thereon; and

a base disposed at the second-face side of said circuit board;

wherein:

said one-package switch is a generally rectangular surface mounting device with a length  
and width respectively not exceeding 6 mm; and

said lighting circuit is contained in said base.

Claim 11 (original): A self-ballasted fluorescent lamp as claimed in claim 1, wherein:  
said base has an opening at the base end thereof;  
said circuit board is positioned so as to close off said opening; and  
said one-package switch is attached to said first face of said circuit board.

Claim 12 (currently amended): A luminaire comprising:

a main body; and  
a self-ballasted fluorescent lamp as claimed in ~~any one of the claims from claim 1 to claim 11~~, said self-ballasted fluorescent lamp attached to said main body.

Claim 13 (new): A luminaire comprising:  
a main body; and  
a self-ballasted fluorescent lamp as claimed in claim 10, said self-ballasted fluorescent lamp attached to said main body.